

FIGURE 3

Compound- SEQ. ID. NO.	Xaa1	Xaa2	Xaa3	Xaa4	Xaa5	Xaa6	Xaa7	Xaa8	Xaa9	Xaa10	Xaa11	Xaa12	Xaa13	Xaa14	Xaa15	Xaa16	Xaa17	Xaa18	Xaa19	Xaa20	Z
1b (24) 9	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	pGly	Phe	Ile	Glu	Phe	Pro	Pro	Pro	Ser	NH ₂			
1b (25) 10	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Met	naph	Ile	Glu	Trp	Pro	Pro	Pro	Ser	NH ₂			
1b (26) 11	His	Gly	Glu	Thr	Ser	Ser	Asp	Leu	Met	Phe	Val	Glu	Trp	Pro	Pro	Pro	Ser	NH ₂			
1b (27) 12	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Leu	Phe	Val	Glu	Phe	Pro	Pro	Pro	Ser	NH ₂			
1b (28) 13	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Met	Phe	tBuG	Glu	Trp	Pro	Pro	Pro	Ser	NH ₂			
2b (29) 14	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Met	Phe	Ile	Asp	Phe	Pro	Pro	Pro	Ser	NH ₂			
2b (30) 15	His	Gly	Glu	Thr	Ser	Ser	Asp	Leu	Met	Phe	Ile	Asp	Trp	Pro	Pro	Pro	Ser	NH ₂			
2b (31) 16	His	Ala	Glu	Phe	Thr	Ser	Asp	Leu	Leu	Phe	Ile	Glu	Phe	Pro	Pro	Pro	Ser	NH ₂			
2b (32) 17	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Met	Phe	Ile	Glu	Trp	Pro	Pro	Pro	Ser	NH ₂			
2b (33) 18	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Met	Phe	Ile	Glu	Trp	Pro	Pro	Pro	Ser	NH ₂			
2b (34) 19	His	Gly	Glu	Thr	Ser	Ser	Asp	Leu	Met	Phe	Ile	Glu	Trp	Pro	Pro	Pro	Ser	NH ₂			
2b (35) 20	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Met	Phe	Ile	Glu	Trp	Pro	Pro	Pro	Ser	NH ₂			
2b (36) 21	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Leu	Phe	Ile	Glu	Phe	Pro	Pro	Pro	Ser	NH ₂			
2b (37) 22	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Leu	Phe	Ile	Glu	Phe	Pro	Pro	Pro	Ser	NH ₂			
2b (38) 23	His	Gly	Glu	Thr	Ser	Ser	Asp	Leu	Met	Phe	Ile	Glu	Trp	Pro	Pro	Pro	Ser	NH ₂			
3b (39) 24	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Met	Phe	Ile	Glu	Trp	Pro	Pro	Pro	Ser	NH ₂			
3b (40) 25	His	Gly	Glu	Phe	Thr	Ser	Asp	Leu	Met	Phe	Ile	Glu	Trp	Pro	Pro	Pro	Ser	NH ₂			

REQ ID No.

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Compound
No.

- 62 4-Imidazolylpropionyl-Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu Glu Ala Val Arg Leu
Phe Ile Glu Trp Leu Lys-NH⁺octanoyl Asn-NH₂, (SEQ. ID No. 87)
- 63 4-Imidazolylpropionyl-Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu Glu Ala Val Arg Leu
Phe Ile Glu Phe Leu Lys-NH⁺octanoyl Asn-NH₂, (SEQ. ID No. 88)
- 64 4-Imidazolylpropionyl-Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu Glu Ala Val Arg Leu
Phe Ile Glu Trp Leu Lys-NH⁺octanoyl Asn Gly Gly-NH₂, (SEQ. ID No. 89)
- 65 4-Imidazolylpropionyl-Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu Glu Ala Val
Arg Leu Phe Ile Glu Phe Leu Lys-NH⁺octanoyl Asn Gly Gly-NH₂, (SEQ. ID No. 90)
- 66 4-Imidazolylpropionyl-Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu Glu Ala Val Arg Leu
Phe Ile Glu Trp Leu Asn Lys-NH⁺octanoyl-NH₂, (SEQ. ID No. 91)
- 67 4-Imidazolylpropionyl-Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu Glu Ala Val Arg Leu
Phe Ile Glu Phe Leu Asn Lys-NH⁺octanoyl-NH₂, (SEQ. ID No. 92)
- 68 4-Imidazolylpropionyl-Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu Glu Ala Val Arg Leu
Phe Ile Glu Trp Leu Asn Lys-NH⁺octanoyl Gly Gly-NH₂, (SEQ. ID No. 93)

Figure 4C

Compound
No.

69 4-Imidazolylpropionyl-gly glu gly thr phe thr ser asp leu ser lys gln leu glu glu ala val arg leu
phe ile glu phe leu asn lys-NH⁺octanoyl gly gly-NH⁺ (SEQ. ID No. 94)

Figure 4D

Exposition	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Compound 105	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 106	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 107	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 108	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 109	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 110	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 111	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 112	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 113	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 114	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 115	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	Phe	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 116	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Ile	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 117	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 118	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 119	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 120	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 121	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 122	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 123	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 124	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 125	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 126	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 127	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 128	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 129	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 130	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 131	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 132	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 133	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 134	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 135	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 136	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 137	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 138	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 139	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										
Compound 140	Ala	Gly	Asp	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Ala	Glu	Glu	Glu	Ala	Val	Arg	Leu	NH2	Val	Glu	Trp	Leu	Lys	Asn	NH2										

- Cmp
No.
- 159 4-Imidazolypropionyl-Gly Glu Gly Thr Phe Thr Ser Ala Leu
Ser Lys Gln Met Glu Glu Glu Ala Val Arg Leu Phe Ile Glu Trp
Leu Lys-NH⁺octanoyl Asn-NH₂, (SEQ. ID No. 184)
- 160 4-Imidazolypropionyl-Gly Glu Gly Thr Phe Thr Ser Ala Leu
Ser Lys Gln Leu Glu Glu Glu Ala Val Arg Leu Phe Ile Glu Phe
Leu Lys-NH⁺octanoyl Asn-NH₂, (SEQ. ID No. 185)
- 161 4-Imidazolypropionyl-Gly Glu Gly Thr Phe Thr Ser Ala Leu
Ser Lys Gln Met Glu Glu Glu Ala Val Arg Leu Phe Ile Glu Trp
Leu Lys-NH⁺octanoyl Asn Gly Gly-NH₂, (SEQ. ID No. 186)
- 162 4-Imidazolypropionyl-Gly Glu Gly Thr Phe Thr Ser Ala Leu
Ser Lys Gln Leu Glu Glu Glu Ala Val Arg Leu Phe Ile Glu Phe
Leu Lys-NH⁺octanoyl Asn Gly Gly-NH₂, (SEQ. ID No. 187)
- 163 4-Imidazolypropionyl-Gly Glu Gly Thr Phe Thr Ser Ala Leu
Ser Lys Gln Met Glu Glu Glu Ala Val Arg Leu Phe Ile Glu Trp
Leu Asn Lys-NH⁺octanoyl-NH₂, (SEQ. ID No. 188)
- 164 4-Imidazolypropionyl-Gly Glu Gly Thr Phe Thr Ser Ala Leu
Ser Lys Gln Leu Glu Glu Glu Ala Val Arg Leu Phe Ile Glu Phe
Leu Asn Lys-NH⁺octanoyl-NH₂, (SEQ. ID No. 189)

Figure 4H

- 165 4-Imidazolylpropionyl-Gly Glu Gly Thr Phe Thr Ser Ala Leu
Ser Lys Gln Met Glu Glu Glu Ala Val Arg Leu Phe Ile Glu Trp
Leu Asn Lys-NH⁺octanoyl Gly Gly-NH₂, (SEQ. ID No. 190)
- 166 4-Imidazolylpropionyl-Gly Glu Gly Thr Phe Thr Ser Ala Leu
Ser Lys Gln Leu Glu Glu Glu Ala Val Arg Leu Phe Ile Glu Phe
Leu Asn Lys-NH⁺octanoyl Gly Gly-NH₂, (SEQ. ID No. 191)
- 167 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu
Glu Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys-NH⁺octanoyl
Asn-NH₂, (SEQ. ID No. 192)
- 168 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu
Glu Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys-NH⁺octanoyl
Asn-NH₂, (SEQ. ID No. 193)
- 169 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu
Glu Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys-NH⁺octanoyl
Asn Gly Gly-NH₂, (SEQ. ID No. 194)
- 170 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu
Glu Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys-NH⁺octanoyl
Asn Gly Gly-NH₂, (SEQ. ID No. 195)
- 171 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu
Glu Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Asn Lys-
NH⁺octanoyl-NH₂, (SEQ. ID No. 196)

- 172 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu
Glu Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Asn Lys-
NH⁺octanoyl-NH₂, (SEQ. ID No. 197)
- 173 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu
Glu Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Asn Lys-
NH⁺octanoyl Gly Gly-NH₂, (SEQ. ID No. 198)
- 174 Ala Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu
Glu Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Asn Lys-
NH⁺octanoyl Gly Gly-NH₂, (SEQ. ID No. 199)

Figure 1

His Ser Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30
Ser Gly Ala Pro Pro Pro Ser-NH₂ [SEQ. ID. NO. 1]
35

Figure 2

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
1 5 10 15
Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
20 25 30
Ser Gly Ala Pro Pro Pro Ser-NH₂ [SEQ. ID. NO. 2]
35